



**DIVISION OF MINES
BOARD OF COAL MINING EXAMINERS
CERTIFICATION REQUIREMENTS**

***ELECTRICAL MAINTENANCE FOREMAN
(SURFACE AND UNDERGROUND)***

Article 3 of the Coal Mine Safety Laws of Virginia establishes requirements for certification of coal mine workers. The certification requirements are included in §45.1-161.24 through §45.1-161.41 in which the Board of Coal Mining Examiners is established for the purpose of administering the certification program. The Board has promulgated certification regulations 4 VAC 25-20 (VR 480-04-2), which set the minimum standards and procedures required for Virginia coal miner examinations and certifications.

CERTIFICATION CLASSIFICATION: **Electrical Maintenance Foreman (Surface and UG)*

This certification authorizes the holder to:

- Perform electrical work and inspections at all surface areas of underground, surface and underground coal mines
- Make examinations on electrical equipment
- Conduct and record results of electrical examinations

APPLICATION/EXPERIENCE REQUIREMENTS:

- Application (BCME-1) and \$10.00 fee 5 working days prior to examination
- Hold a valid Electrical Repairman
- Three years of electrical experience as applied to underground mining or appropriately related work experience approved by the Chief of the Division of Mines
- Current first aid training (MSHA first aid 5000-23 acceptable)

EXAMINATION REQUIREMENTS: A score of 80% on each element of the examination.

<u>ELEMENTS OF EXAM</u>	<u>NUMBER OF QUESTIONS</u>
Electrical Maintenance Foreman (MT) <ul style="list-style-type: none">▪ Alternating Current▪ Direct Current▪ Circuits & Equipment▪ Cable Splicing▪ High Voltage▪ Legal Requirements▪ Permissibility	50
▪ First Aid (FA)	20
▪ National Electrical Code (not implemented)	20
▪ Practical Stations (not implemented)	
▪ Records - practical (not implemented)	

- continued on back -

RECOMMENDED REFERENCE/STUDY MATERIALS:

- Electrical Study Guide
- Coal Mine Safety Laws of Virginia
- BCME Requirements
- First Aid For Miners Study Guide
- Title 30 CFR Part 18, 75, 78

The above mentioned study materials are available at the Department of Mines, Minerals and Energy's Big Stone Gap Office, Customer Assistance Center (540) 523-8233 and Keen Mountain Field Office (540) 498-4533.

***8 hours annual Electrical Repairman continuing education will update this certification.**

Revised 04/10/01